

ALTERNATIVE TO PTO/SB/08a/b (06-03)

Substitute for form 1449/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Application Number	10/562,110	
			Filing Date	Not Yet Assigned	
			First Named Inventor	Masataka NAKAMURA et al.	
			Art Unit	Not Yet Assigned	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	360842012600

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	5,013,765	05-07-1991	Heinz Dieter SLUMA et al.	
	2.	5,403,675	04-04-1995	Naoya OGATA et al.	
	3.	6,103,414	08-15-2000	Israel CABASSO et al.	
	4.	6,444,343-B1	09-03-2002	G.K. Surya PRAKASH et al.	
	5.	2002/0191225-A1	12-19-2002	Gary G. STRINGHAM	
	6.	6,773,844-B2	08-10-2004	Yoshihiko NAKANO et al.	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>5</sup>
		Country Code <sup>2</sup> -Number <sup>3</sup> -Kind Code <sup>4</sup> (if known)					
	8.	JP-2-208322-A		08-17-1990	KURITA WATER IND. LTD.	Translation of Abstract	
	9.	JP-2001-192531-A		07-17-2001	JSR CORP.	Translation of Abstract	

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinda Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by its two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
	10.	Lee, William et al. (1998). "Proton Transport Through Polyethylene-Tetrafluoroethylene-Copolymer-Based Membrane Containing Sulfonic Acid Group Prepared by RIGP," <i>J Electrochem. Soc.</i> 143(9):2795-2799			
	11.	Depre, Laurent et al. (2000). "Proton Conducting Sulfon/Sulfonamide Functionalized Materials Based on Inorganic-Organic Matrices," <i>Electrochemical Acta</i> 45:1377-1383			
	12.	Wang, Feng et al. (2002). "Direct Polymerization of Sulfonated Poly(arylene ether sulfone) Random (Statistical) Copolymers: Candidates for New Proton Exchange Membranes," <i>Journal of Membrane Science</i> 197:231-242			
	13.	Wang, Huaning et al. (2002) "Nafion-Bifunctional Silica Composite Proton Conductive Membranes," <i>Journal of Materials Chemistry</i> 12:834-837			
	14.	Yanagimachi, Satomi et al. (2002) "Synthesis of Phosphonated Poly (4-phenoxybenzoyl-1, 4-phenylene (1)), " <i>Polymer Preprints, Japan</i> 51(4):750 (with English translation attached)			
	15.	Young, S.K. et al. "Nafion®/ORMOSIL Nanocomposites via Polymer-in Situ Sol-Gel Reactions. 1. Probe of ORMOSIL Phase Nanostructures by <sup>29</sup> Si Solid-State NMR Spectroscopy," <i>Polymer</i> 43: 2311-2320			
Examiner Signature	/Ladan Mohaddes/			Date Considered	09/22/2010

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /L.M./